

Datasheet: AHP2723

BATCH NUMBER 148100

Description:	RABBIT ANTI ENDOPHILIN-A1
Specificity:	ENDOPHILIN-A1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to endophilin-A1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.02% Sodium Azide
Stabilisers 50% Glycerol

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human endophilin-A1

External Database Links

UniProt:

[Q99962](https://www.uniprot.org/entry/Q99962)

[Related reagents](#)

Entrez Gene:[6456](#) SH3GL2 [Related reagents](#)

Synonyms	CNSA2, SH3D2A
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Specificity	Rabbit anti endophilin-A1 antibody recognizes endophilin-A1, also known as SH3 domain protein 2A, SH3 domain protein 2A and EEN-B1. Endophilins belong to the family of Bin/Amphiphysin/Rvs (BAR) proteins and are composed of an N-terminal BAR domain and a C-terminal SH3 domain (Safari and Suetsugu 2012). Endophilin-A1 is essential for synaptic vesicle endocytosis (Llobet et al. 2011). Its interaction with ataxin-2 and huntingtin is important for plastin-associated cellular pathways (Ralsler et al. 2005). Endophilin-A1 is also involved in regulation of blood-brain barrier permeability through the EGFR-JNK signaling pathway (Chen et al. 2015).
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Western Blotting	Rabbit anti endophilin-A1 antibody detects a band of approximately 42 kDa in various cell lysates under reducing conditions
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Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2723 10049
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Regulatory	For research purposes only
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Related Products

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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